

10/560621

IAP9 Rec'd PCT/PTO 14 DEC 2009
PATENT

DK-US030324

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
:
Hiromune MATSUOKA :
:
Serial No.: New -- (National Phase of :
PCT/JP2004/007690) :
:
International filing date: June 3, 2004 :
:
For: REFRIGERATION APPARATUS :
CONSTRUCTING METHOD, AND :
REFRIGERATION APPARATUS :
(AS AMENDED) :

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the references listed on the attached PTO-1449-Form to the Examiner's attention and request that they be considered and made of record in this application. Copies of the non-U.S. patents are attached.

Japanese Utility Model Publication No. 1-109761 appears to disclose a heat pump. The heat pump has a bypass circuit to an evaporate mechanism and a discharge valve in a noncondensing gas discharging pipe connecting to a vapor/liquid separator.

* * *

Prompt examination on the merits is respectfully requested.

Respectfully submitted,



David L. Tarnoff
Reg. No. 32,383

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Dated: 12-14-05

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

of

Application Number

Nat'l phase of PCT/JP2004/007690

Filing Date

International filing date of June 3, 2004

First Named Inventor

Hirumune MATSUOKA

Group Art Unit

Examiner Name

Attorney Docket Number

DK-US030324

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP10-14814	5/29/1998	Kawakami et al.		Yes
		JP10-197112	7/31/1998	Koba		Yes
		JP10-213363	8/11/1998	Numamoto et al.		Yes
		JP11-23115	1/26/1999	Murata et al.		Yes
		JP11-248298	9/14/1999	Sato et al.		Yes
		JP1-109761	7/25/1989	Yoneta		No
		JP5-060430	3/9/1993	Adachi et al.		Yes
		JP5-69571	9/21/1993	Yoshida		Yes

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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